

# Film-Gard® PE Sheeting Properties

Thickness	2 mil	3 mil	4 mil	6 mil
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<b>Dart Drop - D 1709</b>				
Impact Resistance	85 grams	125 grams	165 grams	260 grams

<b>Tensile Strength - D 882</b>				
Min. Lengthwise	600 psi	900 psi	1200 psi	1700 psi
Min. Crosswise	450 psi	637 psi	850 psi	1200 psi

<b>Elongation - D 882</b>				
Min. % Lengthwise	90%	112%	150%	160%
Min. & Crosswise	155%	176%	235%	250%

<b>Permeance - E 96</b>				
Water Vapor Transmission Rate	0.38	0.25	0.19	0.13

<b>Heat Sealing Guidelines</b>				
Temperature Range	230°F to 250°F	230°F to 250°F	230°F to 250°F	240°F to 250°F
Time	0.2 to 1.2 seconds	0.2 to 1.2 seconds	0.2 to 1.2 seconds	1.2 to 1.7 seconds
Pressure	300 to 350 psi	300 to 350 psi	300 to 350 psi	350 to 400 psi